

A cross-sectional diagram of a multi-layered material assembly. The assembly consists of several layers labeled with reference numerals. At the bottom are three thin horizontal layers labeled 3, 4, and 5. Above these is a thick layer labeled 6, which contains internal horizontal striations labeled 9. On top of layer 6 is a textured, stippled layer labeled 8. This textured layer has a central section labeled 17 that tapers to a point, flanked by sections labeled 18 and 19. A horizontal layer labeled 12 is positioned above the textured layer 8. To the left of the main assembly, there is a separate rectangular component labeled 16. Other labels include 20 pointing to the interface between layers 6 and 8, and 28 pointing to the right side of the textured layer 8. Label 29 points to the right edge of the entire assembly.

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Fig 4

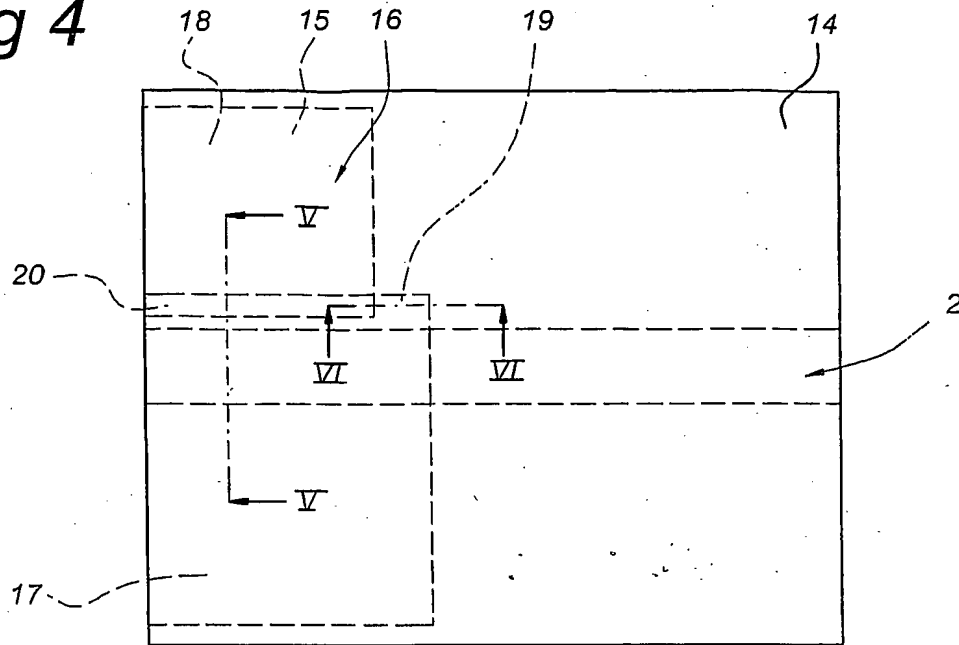


Fig 5

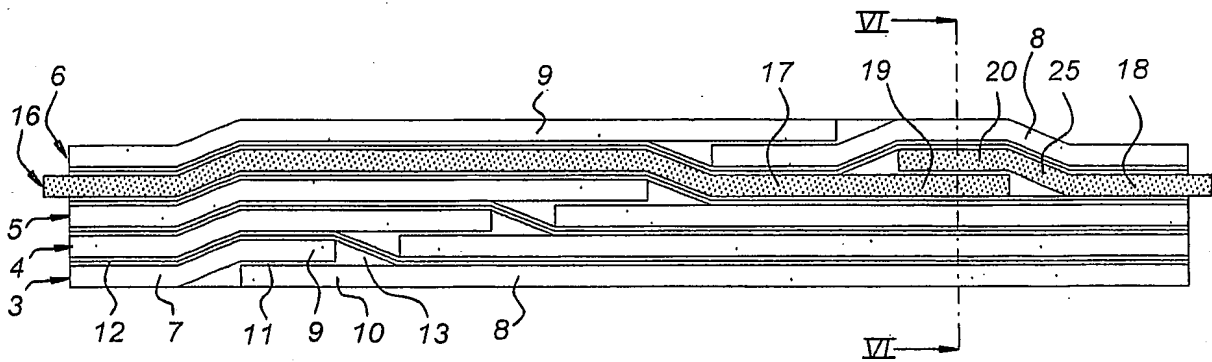
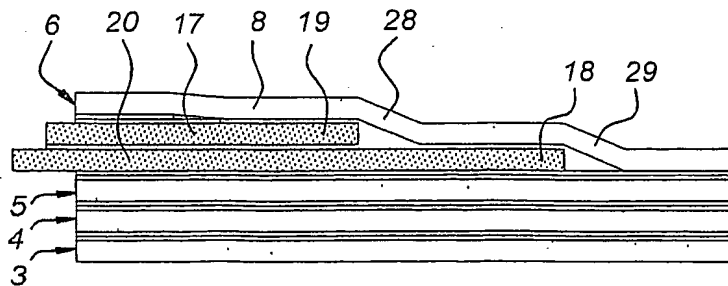


Fig 6



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Fig 7

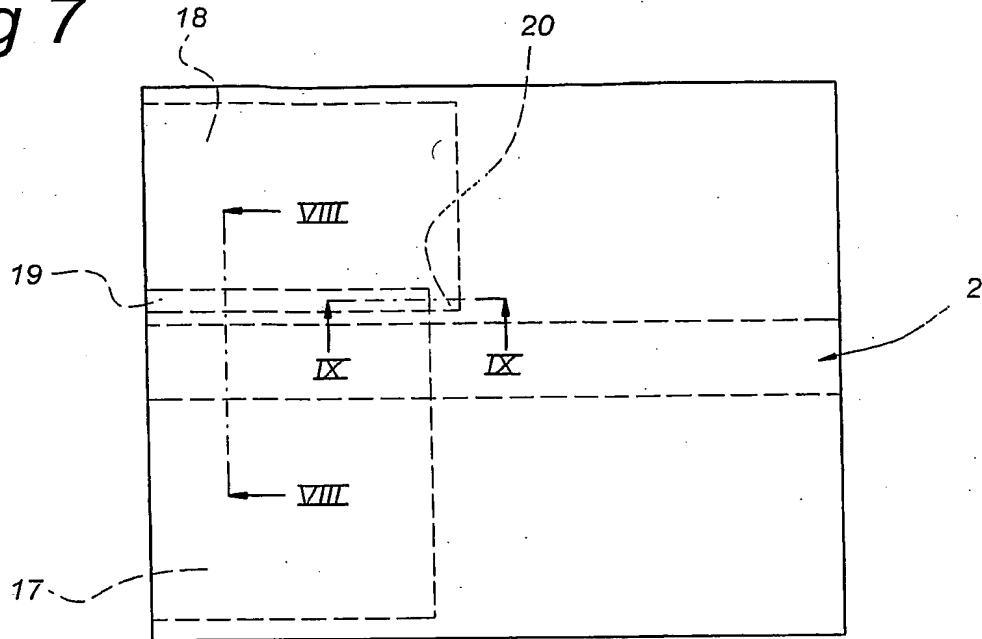


Fig 8

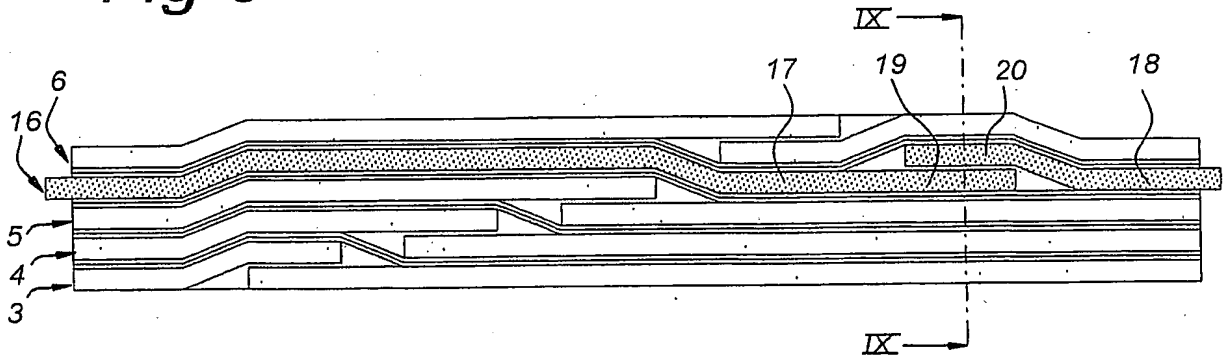
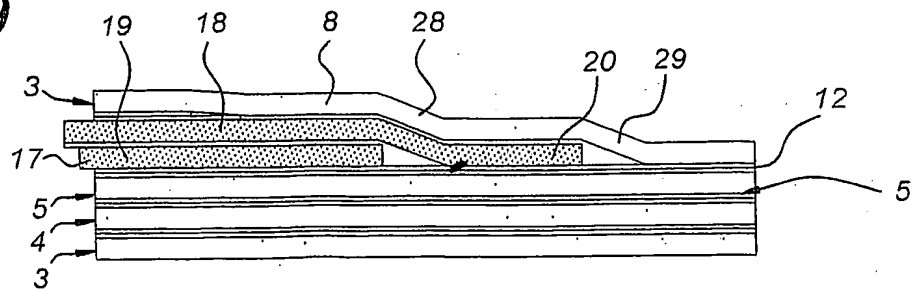


Fig 9



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Fig 10

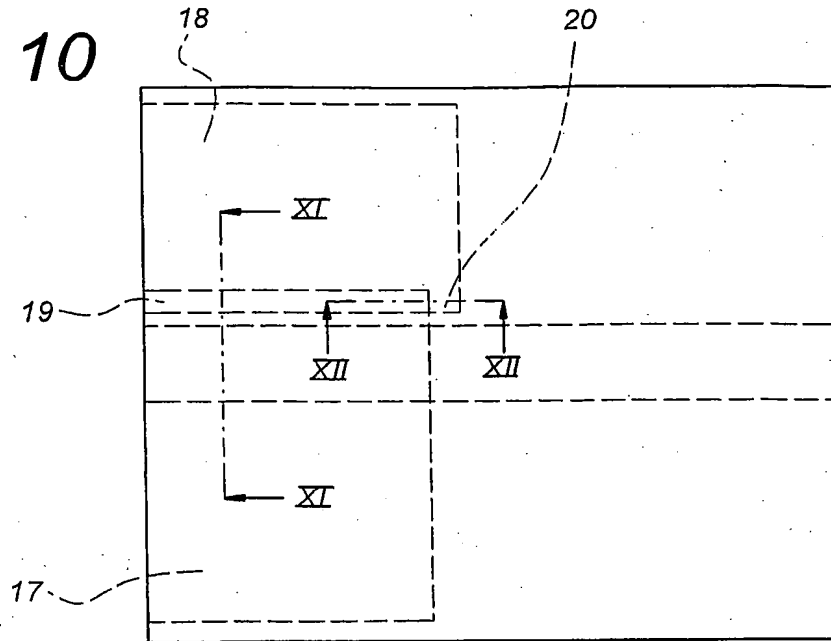


Fig 11

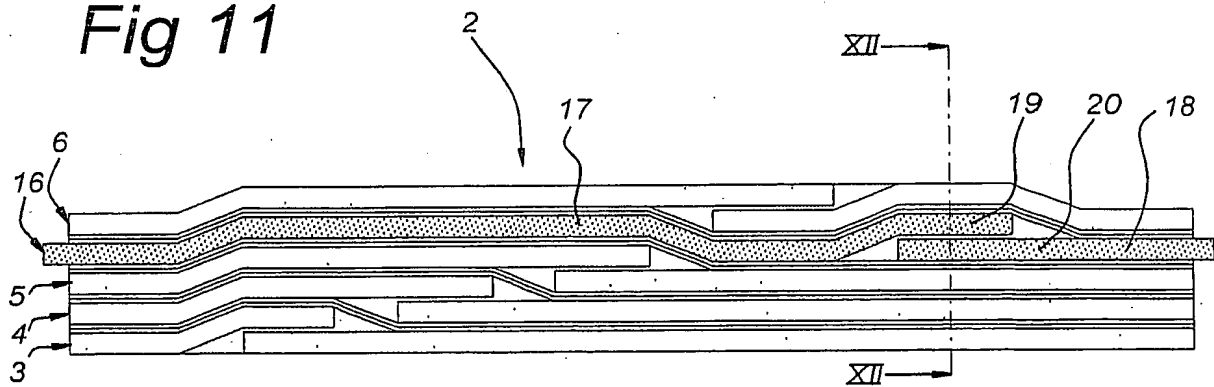
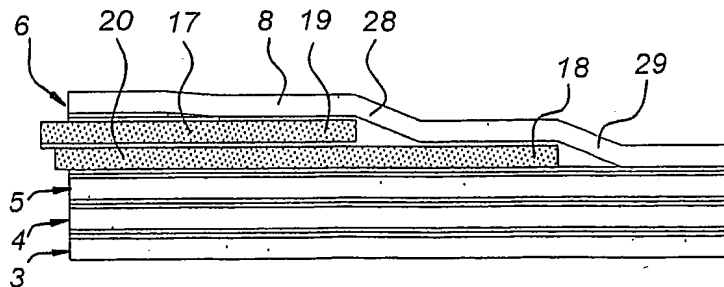


Fig 12



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XV



6.



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A cross-sectional view of a multi-layered structure. The structure consists of several horizontal layers. At the bottom, there are three thin layers labeled 3, 4, and 5 from bottom to top. Above these is a thicker layer labeled 6. Within layer 6, there are three distinct regions: a top layer labeled 17, a middle hatched layer labeled 20, and a bottom hatched layer labeled 19. To the right of these layers, there is a series of wavy lines representing a profile or interface, with labels 28, 8, 18, and 29 indicating different points or regions along this profile.

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Fig 19

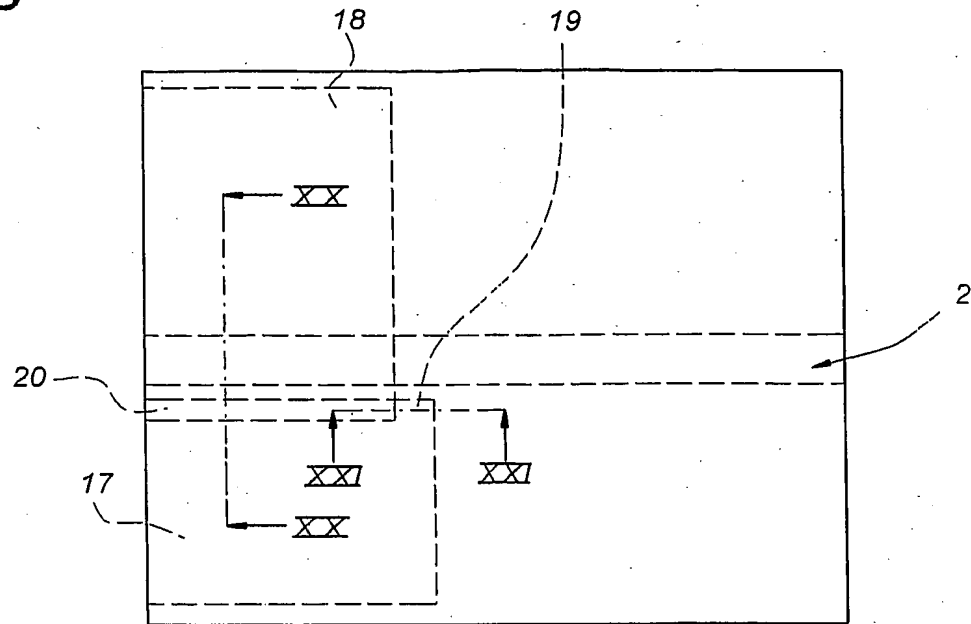


Fig 20

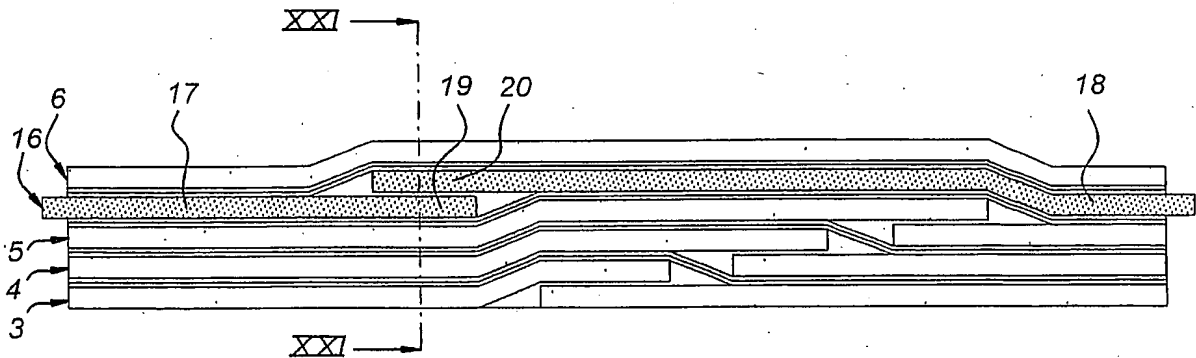
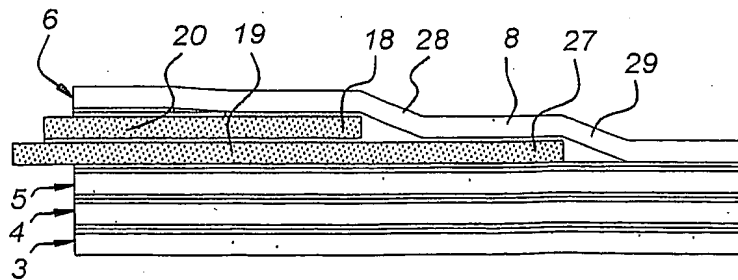


Fig 21



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Fig 22

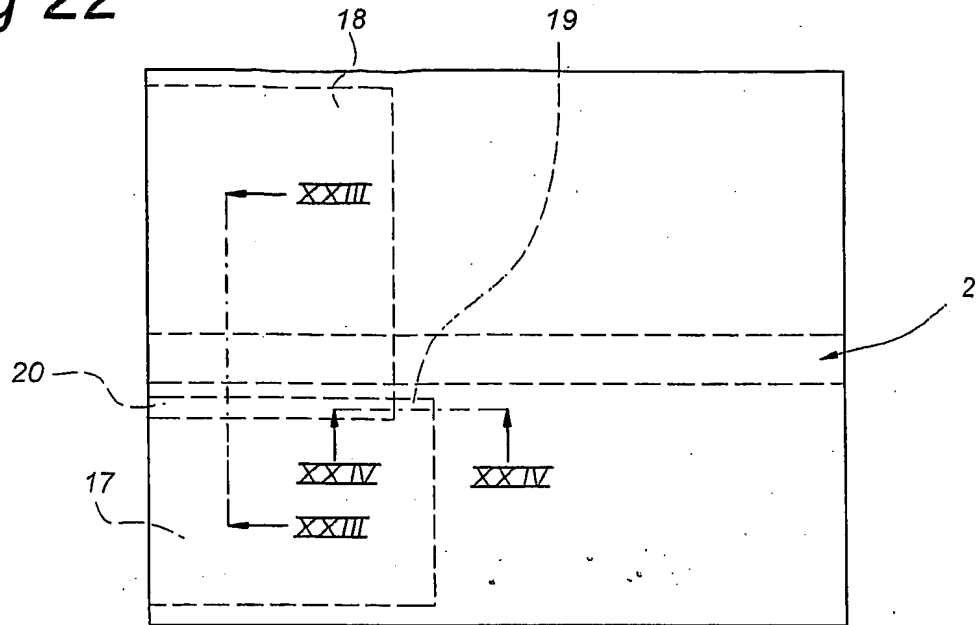


Fig 23

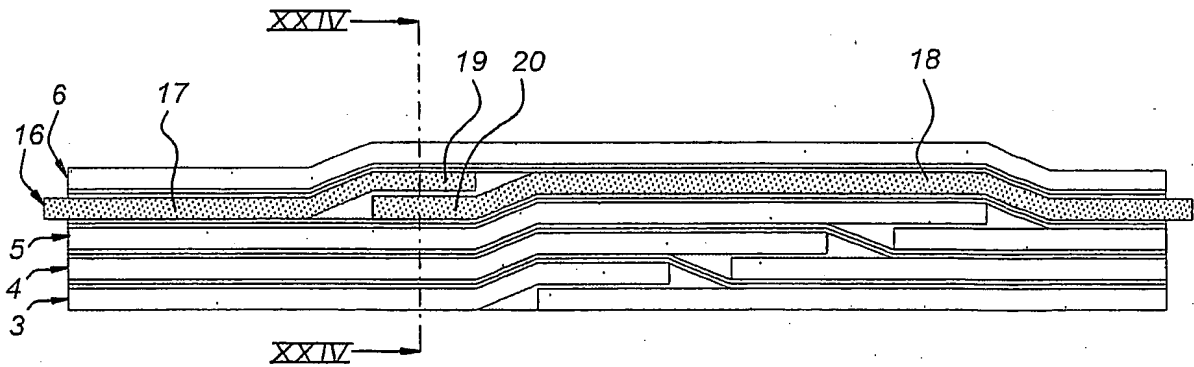
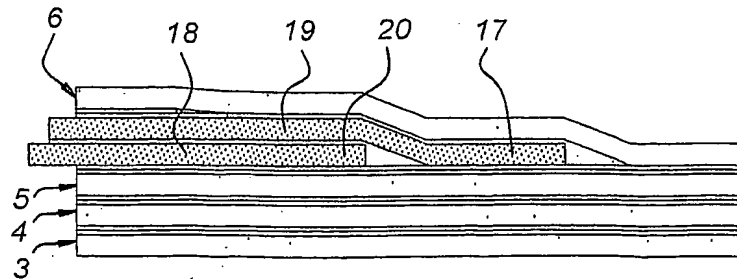


Fig 24



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Fig 25

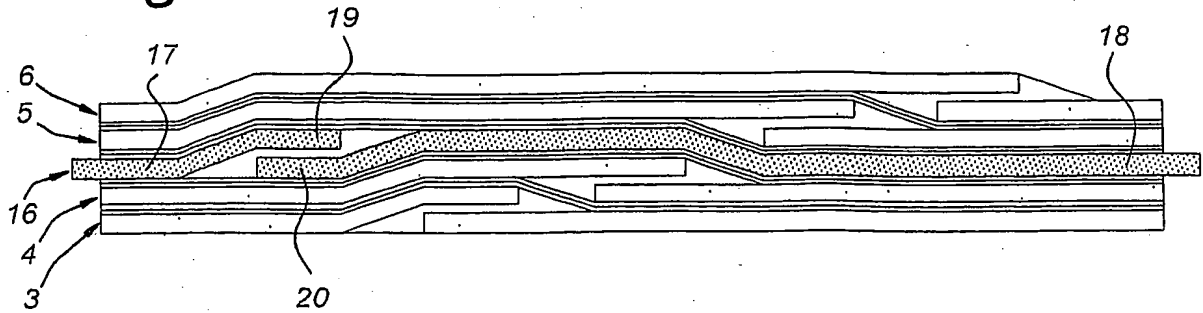


Fig 26

